

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L106	35	maint\$6 near2 materialized adj view and hash\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L105	24	maint\$6 near2 materialized adj view	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L104	28	maint\$6 near2 materialized adj view and cube	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L103	172	maint\$6 near2 materialized adj view	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L102	57	maint\$4 near2 materialized adj view	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L101	3	707/999.2-999.201.ccls. and hash same (summary adj table view).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L100	75	"707".clas. and grouping adj set\$4.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L99	294	(cube "group by" materialized near view (summary virtual) adj table) near2 (distribut\$4 partition\$4 portion \$4).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L98	78	grouping adj sets\$3.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L97	12	view near5 hash\$4.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00

L96	1	707/609,610,612,614,624.ccls. and group\$4 adj set\$1.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L95	23	707/999.2-999.201.ccls. and group\$4 adj set\$4.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L94	0	(refresh\$4 near4 (views! (summary virtual) adj tables!) and hash\$4).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L93	16	refresh\$4 near4 (views! (summary virtual) adj tables!).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L92	12	view near5 hash\$4.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L91	26	(materialized near view (summary virtual) adj table) with (distribut\$4 partition\$4 portion\$4)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L90	14	(cube "group by" materialized near view (summary virtual) adj table) near2 (distribut\$4 partition\$4 portion\$4) same parallel	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L89	270	(cube "group by" materialized near view (summary virtual) adj table) near2 (distribut\$4 partition\$4 portion\$4)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L88	1142	(cube "group by" materialized near view (summary virtual) adj table) with (distribut\$4 partition\$4 portion\$4)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L87	3127	(cube "group by" materialized near view (summary virtual) adj table) and (distribut\$4 partition\$4 portion\$4)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L86	24	(cube "group by" materialized near view (summary virtual) adj table) and hash\$4	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L85	26064	(cube "group by" materialized near view (summary virtual) adj table)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L84	20	(gui shatdal ellmann).in. and cube	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L83	3193	(gui shatdal ellmann).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00

L82	18	folkert.in. and material\$4 near view	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L81	588	folkert.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L80	1494	(oracle "ibm" "international business machines").as. and (materializ\$5 adj view "mv" (summary virtual) adj (table view)) and parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L79	31	(oracle "ibm" "international business machines").as. and (materializ\$5 adj view "mv" (summary virtual) adj (table view)) same hash\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L78	4132	(oracle "ibm" "international business machines").as. and (materializ\$5 adj view "mv" (summary virtual) adj (table view))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L77	45	(oracle "ibm" "international business machines").as. and (view "mv" (summary virtual) adj (table view)) near2 (portion partition) and hash\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L76	3811	(oracle "ibm" "international business machines").as. and (view "mv" (summary virtual) adj (table view)) near2 (portion partition)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L75	19	(oracle "ibm" "international business machines").as. and (view "mv" (summary virtual) adj (table view)) same (portion partition) and (grouping adj set\$3 "group by")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L74	11747	(oracle "ibm" "international business machines").as. and (view "mv" (summary virtual) adj (table view)) same (portion partition)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L73	64961	(oracle "ibm" "international business machines").as. and (view "mv" (summary virtual) adj (table view))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L72	167792	(oracle "ibm" "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L71	20	"707".clas. and grouping adj set\$4 same (cube aggregate) near3 (operation command execut\$4 function)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00

L70	330	"707".clas. and grouping adj set\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L69	8	view near5 hash\$4 same partit\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L68	718	view near5 hash\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L67	1	view near3 hash\$4 with partition\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L66	39	grouping adj sets\$3 and cube	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L65	709	grouping adj sets\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L64	150	707/999.2-999.201.ccls. and group\$4 adj set\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L63	12	707/609,610,612,614,624.ccls. and group\$4 adj set\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L62	8	707/609,610,612,614,624.ccls. and group\$4 adj set\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L61	555	707/609,610,612,614,624.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L60	2	"6,205,451".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L59	69	refresh\$4 near4 (views! (summary virtual) adj tables!) and hash\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00

L58	322	refresh\$4 near4 (views! (summary virtual) adj tables!)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L57	65	hash\$4 with view with (portion\$4 separat\$4 partit\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L56	1174	hash\$4 with view	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L53	10	"grouping sets" same hash\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L52	2012	"grouping sets"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L51	36	incremental\$4 near4 (updat\$4 change \$4) with view and hash\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L50	343	incremental\$4 near4 (updat\$4 change \$4) with view	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L49	24	hash\$4 with material\$4 near2 view\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L48	62	hash\$4 with view\$4 with (group\$4 join \$4 cube)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L47	1600	hash\$4 with view\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L46	37	luo.in. and view same partition\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L45	280	luo.in. and view and partition\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00

L44	16519	luo.in. and view	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L43	308	materializ\$5 near2 view same (distribut\$4 segment partition\$4 portion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L42	87	materializ\$5 near2 view near2 (distribut\$4 segment partition\$4 portion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L41	732967	view near2 (distribut\$4 segment partition\$4 portion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L40	12	707/609,610,612,614,624.cds. and view near2 (distribut\$4 segment partition\$4 portion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L39	707700	view near2 (segment partition\$4 portion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L38	9	707/609,610,612,614,624.cds. and view near2 (segment partition\$4 portion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L37	0	707/609,610,612,614,624.cds. and distribut\$4 adj view	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L36	4	707/609,610,612,614,624.cds. and view same cube	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L35	351	707/609,610,612,614,624.cds. and view	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L34	7	distribut\$4 near2 snapshot and parallel and cube	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L33	105	distribut\$4 near2 snapshot and parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00

L32	257	distribut\$4 near2 snapshot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L31	27	distribut\$4 near2 view near2 materiali \$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L30	19	distribut\$4 near2 view same cube	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L29	28680	distribut\$4 near2 view	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L28	50	self near maintain\$4 with view\$1 and @ad< "20031112"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L27	71	"707".clas. and data near4 cube same updat\$4 and @ad< "20031112"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L26	319	"707".clas. and data near4 cube and updat\$4 and @ad< "20031112"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L25	445	"707".clas. and data near4 cube and @ad< "20031112"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L24	82	"707".clas. and cube near4 view and updat\$3 and @ad< "20031112"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L23	67	"707".clas. and cube near4 view and update and @ad< "20031112"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00

L22	50	("6560594" "6775662" "5963936" "6775681" "7035843" "5890150" "6578028" "5978788" "6275818" "6292830" "6396494" "6996554" "6295527" "6370524" "7058621" "6405208" "5828894" "5937079" "5799300" "5720615" "5832475" "5926820" "6094651" "5353412" "5822751" "5850535" "5890151" "5987467" "6970874" "7003516" "5826049" "4311367" "4960282" "5193809" "5402267" "5577190" "5602839" "5757516" "6023531" "6160671" "6329465" "6424967" "6433858" "6574623" "5465352" "5511190" "6031797" "5412804" "5559995" "5675785" ).pn.	USPAT	OR	ON	2010/12/08 12:00
L21	65	cube same view same updat\$4 and @ad< "20031112"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L20	4666	cube same view and @ad< "20031112"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L19	1	"6763352".pn. and cube same view	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L18	2	"6763352".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L17	11	cube adj view and delta and @ad< "20031112"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L16	58	cube adj view and @ad< "20031112"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L15	34	cube near2 operat\$5 same view and @ad< "20031112"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L14	601	cube near2 operat\$5 and @ad< "20031112"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00



L13	2	"20030093407"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L12	10	2003/0093407 "7,035,843"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L11	24	maint\$6 near2 materialized adj view	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L10	270	(cube "group by" materialized near view (summary virtual) adj table) near2 (distribut\$4 partition\$4 portion \$4)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 12:00
L9	4	partition near2 (view snapshot) and distribut\$4 near2 (updat\$4 chang\$4 modific\$4) and hash	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 11:59
L8	45	partition near2 (view snapshot) and distribut\$4 near2 (updat\$4 chang\$4 modific\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 11:58
L7	1	707/609,610,612,614,624.ccls. and group\$4 adj set\$1.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 11:56
L6	3	707/999.2-999.201.ccls. and hash same (summary adj table view).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 11:55
L5	36	incremental\$4 near4 (updat\$4 change \$4) with view and hash\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 11:55
L4	78	grouping adj sets\$3.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 11:55
L3	28	maint\$6 near2 materialized adj view and cube	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 11:54
L2	105	distribut\$4 near2 snapshot and parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 11:54

L1	555	707/609,610,612,614,624.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/08 11:50
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**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L116	2	707/999.2-999.201.ccls. and hash same (summary adj table view).clm.	USPAT; UPAD	OR	ON	2010/12/08 12:00
L115	2	707/999.2-999.201.ccls. and hash same view.clm.	USPAT; UPAD	OR	ON	2010/12/08 12:00
L114	36	"707".clas. and grouping adj set\$4.clm.	USPAT; UPAD	OR	ON	2010/12/08 12:00
L113	1	707/609,610,612,614,624.ccls. and (partition\$4 portion) near2 view.clm.	USPAT; UPAD	OR	ON	2010/12/08 12:00
L112	0	707/609,610,612,614,624.ccls. and distribut\$4 near2 view.clm.	USPAT; UPAD	OR	ON	2010/12/08 12:00
L111	1	707/609,610,612,614,624.ccls. and group \$4 adj set\$1.clm.	USPAT; UPAD	OR	ON	2010/12/08 12:00
L110	11	707/999.2-999.201.ccls. and group\$4 adj set\$4.clm.	USPAT; UPAD	OR	ON	2010/12/08 12:00
L109	42	grouping adj sets\$3.clm.	USPAT; UPAD	OR	ON	2010/12/08 12:00
L108	13	(gui shatdal ellmann).in. and view.clm.	USPAT; UPAD	OR	ON	2010/12/08 12:00
L107	9	(gui shatdal ellmann).in. and cube	USPAT; UPAD	OR	ON	2010/12/08 12:00
L55	11203	distribut\$4 near2 view	USPAT; UPAD	OR	ON	2010/12/08 12:00
L54	0	10/706656	USPAT; UPAD	OR	ON	2010/12/08 12:00

**12/ 8/ 2010 12:23:01 PM****C:\ Documents and Settings\ rtimblin\ My Documents\ EAST\ Workspaces\ 10706656 Cube Based operations.  
wsp**